UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.:	CS23369RL
First Inventor:	Greg R. Black
Title:	Method And Apparatus For Reducing Data Collisions In A Frequency Hopping Communication System
Express Mail Label No :	EV 203578500 US

under 37 CFR 1.53(b))	<u> </u>	The Articularity Hopping Communication System
under 57 CFR 1.55(0))	Express Mail Label 1	
		Mail Stop Patent Application
APPLICATION E	LEMENTS	ADDRESS TO: Commissioner for Patents O
		P. O. Box 1450
(see MPEP chapter 600 concerning utility	y patent application contents)	1 0 -
		Alexandria, VA 22313-1450
1. X Fee Transmittal Form (e.g.,	PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large
(Submit an original and a duplicate for fo		table or Computer Program (Appendix)
l		
2. Applicant claims small entit	y status	8. Nucleotide and/or Amino Acid Sequence
See 37 CFR 1.27		(if applicable, all necessary)
3. X Specification [Total	tal Pages 17]	a. Computer Readable Form (CFR)
(preferred arrangement set for		
· · · · · · · · · · · · · · · · · · ·		h Caraification Common Listing on
-Descriptive title of the inventi -Cross Reference to Related A		b Specification Sequence Listing on:
-Statement Regarding Fed spor		i. CD-ROM or CD-4 (2 copies); or
-Reference to sequence listing,	a table, or computer progr	
listing appendix		ii. Paper
-Brief Summary of the Invention		C Statements warifying identity of share assist
-Brief Description of the Draw	ings (if filed)	c. Statements verifying identity of above copies
-Detailed Description		ACCOMPANYING APPLICATION PARTS
-Claim(s)		
-Abstract of the Disclosure		9. Assignment Papers (cover sheet & document(s))
		_
Informal Drawing(s) (35		10.
	[Total Sheets 6] 37 CFR 3.73(b) Statement Power of Attorney
T. U.S.C. 113)		
		(when there is an assignee)
5. Oath or Declaration	[Total Sheets 3	English Translation Document (if applicable)
a. X Newly unexecuted (orig	inal or copy)	
	5. 55777	12. X Information Disclosure 2 Copies of IDS
		Statement (IDS)/PT-1449 Citations
b. Copy from prior applica	tion (37 CFR 1.63(d))	13. Preliminary Amendment
(for continuation/divisiona	with Box 18 completed)	14. X Return Receipt Postcard (MPEP 503)
(101 Continuation at visiona	Dox to completed)	
	W IDA IDA (C)	(Should be specifically itemized)
i. DELETION OF I		15. Certified Copy of Priority Document
	tached deleting inventor(s	
	oplication, see 37 CFR	16. Nonpublication Request under 35 U.S.C.
1.63(d)(2) and 1.33	(b)	
		122(b)(2)(B)(i). Applicant must attach form
	0.5 CTD 1.71	PTO/SB/35 or its equivalent.
6. Application Data Sheet. See	37 CFR 1.76	17. Other:
18. IF A CONTINUING APPLICATION,	check appropriate box and s	upply the requisite information below and in the first sentence of the
specification following the title, or in	an Application Data Sheet u	nder 37 CFR 1.76:
Continuation Divisional		-in- Part (CIP) of prior application No.
	<u> </u>	Art Unit:
Prior application information:	Examiner:	
		from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of
the accompanying continuation or divisional application and is application parts.	actedy incorporated by reference. The t	ecorporation can only be relied upon when a portion has been inadvertently omitted from the submitted
	19. CORRESPON	DENCE ADDRESS
Z, customer t tumber	20280 or _	Correspondence address below
Name		
Address		
City	State	Zip Code
Country	Telephone	Fax
Name Matthew Loppnow		Registration No. 45,314
SIGNATURE Watthew Expline		Date 12/31/07
OIGHTIONE PO		Date

Express Mail Label No.: EV 203578500 US

				Complete if Known							
FEE		Application Number									
TRANSMITTAL		Filing Date		December 31, 2003							
Patent fees are subject to annual revision		First Named Inventor		Greg R. Black							
Applicant claims sma	all entity stat	us. See 37 CFR 1.27	Examiner Nam	ne							
			Group Art Unit		_						
TOTAL AMOUNT OF PAYMENT		(\$) 1,290.00	Attorney Dock		CS22	369RL		-			
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METHOD O	F PAYMEN	NT (check all that apply	<u></u>	FEE CALCULATION (continued)							
Check Credit c	ard N	Money Order Other	None	3. ADDITIONAL FEES Large Small							
X Deposit Account:				<u>Enti</u>		Ent					
Deposit Accou	nt Number	502117		Fee	Fee	Fee	Fee				
Deposit Acc	ount Name	Motorola, Inc.		Code	(\$)	Code	(S)		Fee Description		
The Director is authorized to:				1051	130	2051	65		arge – late filing fee or oath		
X Charge fee(s) indic	ated below	X Credit any ov	rerpayments	1052 1053	50 130	2052 1053	25 130		arge – late Provisional filing nglish specification		
Charge any addition	nal fee(s) dur	ring the pendency of this ap	plication	1812	2520	1812	2520	For filir	ng a request for ex parte mination		
Charge fees(s) ind above-identified d		except for the filing fee to	the the	1804	920*	1804	920°	-	ting publication of SIR prior to ner action		
				1805	1840°	. 1805	1840*	Reque Exami			
FEE CALCULATION	,			1251	110	2251	55	Extens	ion for reply within first month		
				1252	420	2252	210		on for reply within second month	\vdash	
1. BASIC FILING FEE				1253 1254	950 1480	2253 2254	475 740		on for reply within third month		
I. DASIC FILING FEE									on for reply within fourth month		
tama Caliba Com				1255	2010	2255	1005		ion for reply within fifth month		
Large Entity Sma Fee Fee Fee				1401 1402	330 330	2401 2402	165 165		of Appeal a brief in support of an appeal		
Code (\$) Code		Fe	e Paid	1403	290	2403	145	Reque Petition	st for oral hearing n to institute a public use		
1001 770 2001	385	Utility filing fee 77	<u>~</u>	1451 1452	1510 110	1451 2452	1510 55	Petition	ding n to revive – unavoidable		
1002 340 2002		Design filing fee	<u>-</u>	1453	1330	2453	665		n to revive - unintentional		
1003 530 2003		Plant filing fee ·		1501	1330	2501	665	Utility i	ssue fee (or reissue)		
1004 780 2004	385	Reissue filing fee		1502	480	2502	240	Design	issue fee		
1005 160 2005	5 80	Provisional filing fee		1503	640	2503	320		ssue fee		
	,	SUBTOTAL (1) (\$) 770.0	20	1460 1807	130 50	1460 1807	130 50		ns to the Commissioner ssing fee under 37 CFR 1.17(q)		
2. EXTRA CLAIM FEES		30510172(1) (0)110.0	,,,	1806	180	1806	180		ssion of IDS		
2. EXTRA CEAMITEES	Previously	Extra Fee from		8021	40	8021	40	Record	ding each patent assignment		
Total Claims 25 Independent Claims 8		Claims below = 5 X 18 = 5 X 86	Fee Paid = 90. = 430.	1809	770	2809	385	Filing a	perty (times number of properties) a submission after final on (37 CFR § 1.129(a))		
Multiple Dependent		290	=	1810	770	2810	385	For ea	ch additional invention to be ned (37 CFR § 1.129(b))		
Large Entity Small Fee Fee Fee	Entity . Fee			1801	770	2801	385		st for Continued Examination		
Code (\$) Code 1202 18 2202	(\$) 9 Cla	Fee Description aims in excess of 20	on	1802	900	1802	900		st for expedited examination design application		
1201 84 2201	42 Ind	lependent claims in excess of 3		Other fee	(specify)						
1203 280 2203 1204 84 2204		ultiple dependent claim, if not paid teissue independent claims over									
1204 64 2204	42 N	eissue independent ciamis over	onginai patem			-					
1205 18 2205 9 *Reissue claims in excess of 20 and over original			d over original								
patent SUBTOTAL (2) (\$) 520.00 "or number previously paid, if greater; For Reissues, see above.			SUBTOTAL (3) (5) -0- * Reduced by Basic Filing Fee Paid								
SUBMITTED BY				-					Complete (if applicable	e)	
Name (Print/Type) Matthew Loppnow Signature Matthew Loppnow				Registra	tion No.	45,3	14	١,		3-2585	
() hel	41	1				1 .5,5			12/31/03		
Signature	1/V	- /					l Da	ate	'-/3'/VJ		